



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,542	03/09/2004	Chia Hsiung Lin	1237AAH	6393

7590 03/21/2006

Chia Hsiung Lin
P.O. Box 10-69, Chong Ho
Taipei, 235
TAIWAN

EXAMINER

NGUYEN, TUAN N

ART UNIT PAPER NUMBER

3751

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/798,542

Applicant(s)

LIN, CHIA

Examiner

Tuan N. Nguyen

Art Unit

3751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3/9/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Wasai et al. (hereinafter Wasai).

In regard to claim 1, Wasai discloses a pen (see Figs. 1-5) comprising a housing (20) including a front opening formed therein, and an ink reservoir (1) including a cartridge (17) received in the housing, and provided for receiving ink therein, a barrel (2) attaching to front of the cartridge, and a nib (12) attached to the barrel, for extending out through the front opening of the housing. In regard to claim 2, the barrel includes a peripheral swelling (about 5) extended radially and outwardly therefrom (from inner diameter to outer diameter), and having an outer diameter equals to an inner diameter of the cartridge, to allow the peripheral swelling of the barrel to be engaged into the cartridge. In regard to claim 3, the barrel includes a peripheral rib (4) extended radially and outwardly from the peripheral swelling, to engage with the cartridge, and to limit an engagement of said barrel relative to the cartridge, and to prevent the barrel from being over engaged into the cartridge. In regard to claim 4, the barrel includes at least one sealing ring (4) provided thereon and engaged between the peripheral swelling of the barrel and the cartridge, to prevent ink from flowing out through a gap defined between

Art Unit: 3751

the peripheral swelling of the barrel and the cartridge. In regard to claim 5, the pen further comprises a spring member (35) engaged between the housing and the barrel, to apply a spring biasing force against the barrel of the ink reservoir (see Fig. 4). In regard to claim 6, the barrel includes a peripheral rib (4) extended radially and outwardly therefrom, to engage with the spring member. In regard to claim 7, the barrel includes a tube (3) extended therefrom and having an inner diameter arranged to receive the nib (12) therein. In regard to claim 8, the tube includes an outer diameter smaller than that of the barrel (portion 3 is smaller in diameter than portion 4 of the barrel), to form a peripheral shoulder between the tube and the barrel.

2. Claims 1-4, 7 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Young.

Young discloses a pen (Fig. 1) as labeled below:

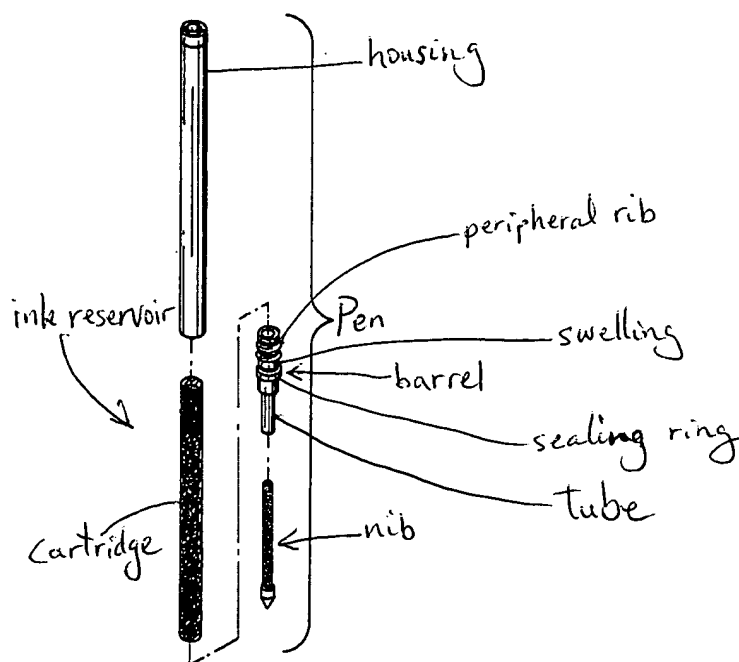


Fig. 1

Art Unit: 3751


Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Tanaka, Shiobara et al., Rhoades, Knobel, and Thompson et al. disclose other pen.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan N. Nguyen whose telephone number is 571-272-4892. The examiner can normally be reached on Monday-Friday (10:00-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Justine R. Yu can be reached on (571) 272-4835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Tuan Nguyen
Primary Examiner
Art Unit 3751
3/20/06

TN